

Datasheet for ABIN3188194

EcoRI ClearCut

Overview

Quantity: 20000 U

Application: Restriction Digest (RD)

Product Details

Characteristics: ClearCut Enzymes are engineered to have high specificity (reduced star activity) and high activity (cuts in 5-15 minutes).

Components: EcoRI ClearCut enzyme supplied with 10X Universal Restriction Enzyme Reaction Buffer

Application Details

Comment:

- Restriction enzyme digestion of doublestranded DNA ClearCut Enzymes are engineered to have high specificity (reduced star activity) and high activity (cuts in 5-15 minutes).
- Reaction: 1X Universal Restriction Enzyme Reaction Buffer. Incubate at 37°C
- Source: An E. coli strain that carries the modified EcoRI gene from E. coli RY13. The EcoRI enzyme recognizes and cuts the sequence G^AAATTC.
- Reaction Buffer: Buffer 1: 10%, Buffer 2: 100%, Buffer 3: 10%, Universal Buffer: 100%
- Heat Inactivation: 65°C for 20 min
- Methylation Sensitivity:
- dam methylation: Not Sensitive
- dcm methylation: Not Sensitive
- CpG Methylation: Blocked by Some Combinations of Overlapping

Restrictions: For Research Use only

Handling

Concentration: 20000 U/mL

Storage: -20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)